IN THE CLAIMS:

Claims 3, 5-7, 11, 16-18, 33, and 34 have been amended. Claims 18-32 are hereby withdrawn. All of the pending claims 1-34 are presented below. This listing of claims will replace all prior versions and listings of claims in the application. All amendments and claim cancellations are made without prejudice or disclaimer. Please enter these claims as amended.

Listing of Claims:

1. (Original) A method for the purification of a virus from a host cell, said method comprising in the given order the steps of:

a) culturing host cells that are infected with a virus,

b) adding nuclease to the cell culture, and

c) lysing said host cells to provide a lysate comprising the virus.

2. (Previously presented) The method according to claim 1, said method further comprising:

d) clarification of the lysate.

3. (Currently amended) The method according to claim ~~1~~2, said method further comprising:

e) purifying the virus with at least one chromatography step.

4. (Previously presented) The method according to claim 1, wherein said virus is a recombinant adenovirus.

5. (Currently amended) The method ~~A method~~ according to claim 1, wherein the nuclease of step b) is BENZONASE® nuclease.

6. (Currently amended) The method according to claim 1, wherein step c) ~~of~~ lysing the host cells is performed with a detergent.

7. (Currently amended) The method according to claim 6, wherein the detergent is TRITON® X-100 detergent.

8. (Previously presented) The method according to claim 2, wherein step d) comprises depth filtration and membrane filtration.

9. (Previously presented) The method according to claim 8, wherein the membrane filtration is performed using a combination of 0.8μm and 0.45 μm filters.

10. (Previously presented) The method according to claim 3, wherein prior to step e) the clarified lysate is subjected to ultrafiltration and/or diafiltration.

11. (Currently amended) The method according to claim 10, wherein the clarified lysate ~~that is subjected to diafiltration~~ is subjected to ultrafiltration and/or diafiltration comprises ~~is exchanged~~ exchanging the clarified lysate against a solution comprising 0.8-2.0 M NaCl~~,~~ ~~preferably about 1 M NaCl,~~ or another salt providing an equivalent ionic strength.

12. (Previously presented) The method according to claim 3, wherein step e) comprises anion exchange chromatography.

13. (Previously presented) The method according to claim 12, wherein said anion exchange chromatography is performed using a charged filter comprising anion exchange groups.

14. (Previously presented) The method according to claim 3, wherein step e) comprises size exclusion chromatography.

15. (Previously presented) The method according to claim 3, wherein step e) comprises:

e,i) anion exchange chromatography, and

e,ii) size exclusion chromatography.

16. (Currently amended) The method according to claim ~~15~~3, wherein purifying the virus with at least one chromatography step comprises:

purifying the virus with anion exchange chromatography;

buffer exchanging ~~the mixture~~a solution containing the ~~recombinant adenovirus~~virus ~~is buffer exchanged~~ with a solution comprising at least 2 M NaCl, or another salt providing an equivalent ionic strength~~, between said steps of anion exchange chromatography and size exclusion chromatography~~; and

further purifying the virus with size exclusion chromatography.

17. (Currently amended) The method according to claim 2, wherein clarification of the lysate comprises addition of a buffer, wherein ~~any buffers~~the buffer used in steps d) and subsequent steps ~~are~~is free of detergent, ~~magnesium chloride~~ magnesium chloride, and sucrose.

18. (Currently amended) A method for the purification of a virus that is able to lyse host cells, said method comprising ~~the steps of~~:

a) culturing host cells comprising the virus able to lyse host cells, and

b) harvesting the virus following ~~their~~its release into culture fluid without addition of an external lysis factor, wherein a nuclease is added to the culture fluid before 95% of the host cells ~~has~~have been lysed.

19. (Withdrawn) A method for the production of a virus comprising a nucleic acid sequence coding for a nucleoprotein of a hemorrhagic fever virus, comprising the steps of:

a) culturing host cells that have been infected with said virus,

b) subjecting said culture of host cells comprising said virus to lysis of the host cells to provide a lysate comprising said virus,

c) subjecting the virus to anion exchange chromatography, characterized in that after anion exchange chromatography the virus containing mixture is buffer exchanged with a solution comprising at least 1 M NaCl, or another salt providing an equivalent ionic strength and/or with a solution comprising at least 1% of a detergent.

20. (Withdrawn) The method according to claim 19, wherein the virus containing mixture is buffer exchanged at least once with a solution comprising at least 1 M NaCl, or another salt providing an equivalent ionic strength.

21. (Withdrawn) The method according to claim 19, wherein said virus is a recombinant adenovirus.

22. (Withdrawn) The method according to claim 19, wherein said hemorrhagic fever virus is Ebola virus.

23. (Withdrawn) The method according to claim 20, wherein said solution comprises at least 1.5 M NaCl, or another salt providing an equivalent ionic strength.

24. (Withdrawn) The method according to claim 23, wherein said solution comprises at least 2 M NaCl, or another salt providing an equivalent ionic strength.

25. (Withdrawn) The method according to claim 24, wherein said solution comprises at least 3 M NaCl, or another salt providing an equivalent ionic strength.

26. (Withdrawn) The method according to claim 25, wherein said solution comprises about 5 M NaCl, or another salt providing an equivalent ionic strength.

27. (Withdrawn) The method according to claim 27, further comprising filtering the virus containing mixture that is buffer exchanged through a hydrophilic filter with a pore size of 1.2 μm or less.

28. (Withdrawn) The method according to claim 27, wherein said pore size is about 0.45 μm or about 0.22 μm.

29. (Withdrawn) The method according to claim 19, further comprising subjecting the virus containing mixture that is buffer exchanged to size exclusion chromatography.

30. (Withdrawn) A method for removing free adenovirus proteins from a recombinant adenovirus preparation, comprising the step of: subjecting a recombinant adenovirus preparation comprising free adenovirus proteins to a charged filter that contains anion exchange groups.

31. (Withdrawn) The method according to claim 30, wherein said recombinant adenovirus preparation comprises a subgroup B recombinant adenovirus.

32. (Withdrawn) The method according to claim 30, wherein said recombinant adenovirus is an Ad35 recombinant adenovirus.

33. (Currently amended) The method according to claim ~~23~~3, ~~said~~the method further comprising:

e) further purifying the virus with at least one chromatography step.

34. (Currently amended) The method according to claim 3, wherein purifying the virus with at least one chromatography step comprises addition of a buffer, wherein ~~any~~the ~~buffers~~buffer used in step e) and subsequent steps ~~are~~is free of detergent, magnesium chloride and sucrose.